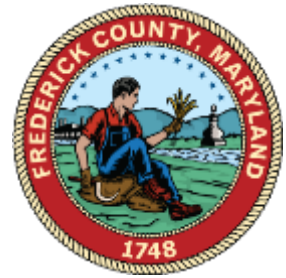




Frederick County Sustainability Commission
Meeting Minutes for
11/16/16



FCSC Attendees: Tom Anderson, Jennifer Bird, Annie Jones, Ron Kaltenbaugh, Mike Swanson, John Ferri, Liz Peterson, Rachel Armistead, Kevin Sellner

OSER: Shannon Moore

Public: Bonnie Griesemer, Jenny Willoughby (City of Frederick Sustainability Manager), Michelle Clapp, Dolly Mason, Alysia Feurer, Rich Maranto

I. Welcome and Introductions

- A. The Chair (Annie Jones) welcomed all FCSC members and guests with introductions by all.

II. Vice Chair Items

- A. Approval of October minutes.
 - 1. Approval of October Minutes with minor edits. Motion to approve by Tom Anderson, and seconded by John Ferri, approved by all.
- B. Review Action Items
 - 1. Letter to County Council from FCSC regarding solar arrays on agricultural land. The letter has been finalized and will be submitted to the County Council this week.
 - 2. EPP workshop for municipalities to move forward. The meeting will be in conjunction with Sustainable MD.

III. Frederick City Sustainability plan

- A. Sustainability Metrics used by the City
 - 1. Metrics include transportation, energy, water quality and supply, air, built environment, food and nutrition, waste and recycling, tree canopy and open spaces
 - data was collected in order to set goals
 - 2. Transportation –
 - walk score (foot traffic) is 43, need a car to access most places

- 10 miles of shared use path created, total of 25 miles are planned
 - providing bicycle lanes on 7th Street has increased bike travel 4 times over previous usage
 - 761,000 bus trips in 2015
3. Energy –
- 24,000,000 kWh used by the City each year for City facilities
 - goal of 20% to be renewable by 2022
 - goal to reduce per square foot of electricity usage by 15% from baseline year, 2013 (by 2018)
4. Waste and Recycling –
- City residents and businesses generate 18,400 tons of trash per year
 - composting 10% more at home could save \$127,000
 - recycling 10% more could save \$81,000
5. Impervious Surfaces and Built Environment –
- new development must capture the first inch of stormwater to improve water quality
 - flexi-pave tree pits installed at street trees allow water and air to seep through to tree roots
 - 6 LEED certified buildings qualified for tax credits in 2016
6. Urban canopy and open spaces –
- 14% existing tree canopy in the City, 40% goal
 - 72 city parks, 677 acres of open space, 185-acre golf course are all within city limits
7. Food and Nutrition –
- 72 community garden plots in the City
 - 3 farmers markets provided data in 2015
 - \$30,000 in yearly sales for those 3 markets
8. Water Quality and Supply –
- 44% of the City water supply comes from Linganore creek, 11% from the Fishing Creek Reservoir, 26% from the Monocacy River, 19% from the Potomac River

- a 50-foot riparian buffer is required around creeks and rivers
- Well head and floodplain protections are in place

9. Air Quality –

- 0 code red days over the past 10 years
- goal to reduce absolute carbon dioxide by 22% by 2040
- increase regional public transportation by 4 million trips by 2040

B. Frederick Municipal Forest and Watershed

1. Headwaters of Fishing Creek and Tuscarora
2. Purpose is wildlife and water quality protection
3. Looking to improve tree species diversity and plant oaks, hardwoods
4. 22 state Rare, Threatened, or Endangered species within the watershed (including flora and fauna)
5. Watershed Master Plan to be adopted December 1, 2016

IV. Review Fall Sustainability Commission Event

A. Award for Alysia Feuer

1. We sincerely appreciate Alysia's leadership and significant efforts in making the event a great success.

B. School Board candidate participation was appreciated and we hope to see more environmental sustainability efforts in schools.

1. FCSC members were invited to come speak to the new board members again.

C. Thoughts for future meetings

1. Broader communication, give more notice to potential attendees.
2. Word of mouth from this year's attendees may assist in increasing attendance next year.
3. Include additional partners for hosting the next event (i.e. Hood meeting in Spring 2017).
4. Partnership with the Master Gardeners was very helpful.
5. Thank you notes to be sent to Brook Hill Methodist Church, Gravel and Grind, Catoctin Orchards and Clustered Spires. A big thank you to Sweet Farm as well.
6. More than 50 people total signed in and a few others who did not sign in. Attendance was higher than anticipated.

7. Feedback from teachers was that after school was a good time to attend as opposed to a weekend.

8. Joe is working with Linda Norris to initiate a pilot composting program.

V. OSER and Livable Frederick: EE Work Group Updates

- A. County Council approved the PACE program on 11-15-16. Hoping to start using PACE in early 2017.
- B. Financial plan for Storm Water Management (SWM) was approved by MDE. \$52 million effort to fund SWM improvements.
- C. Shannon is invited to a White House sponsored event for local governments to discuss renewable energy.
- D. Livable Frederick – next steps, finalize chapter in the plan and make recommendations for the future. FCSC to brainstorm ways to change building codes and practices that are easy for developers but result in long term improvements (i.e. Net Zero certification). Provide input to Ron.
- E. Solar Co-op – Meeting at library tonight at 5:30 to pick an installer. Great way to get a good price on their panels and the program is under County review. County is performing outreach meetings to get people involved. Approximately 50 individuals signed up. Open to small businesses and non profits as well as residential.

VI. Commission Members Items of Interest

- Rachel – Sweet Farm will be on MD Farm and Harvest next Tuesday at 7:00 on Maryland Public Television.
- Mike – Tiny Houses discussion Dec 21 by CTC students
- Kevin – Toxic algae in Linganore and Lake Anita Louise. Lake Anita Louise is being drained and discharged to Linganore. Will sample 11-17-16. Hydrogen peroxide to be spread 11-29-16 in lower area to oxidize and kill the algae and the toxin. After winter the process will be repeated.
- John Ferri, attending Smart Growth seminar for architects and planners. Discussing Uber usage, driverless cars, enhancing livability, and smart growth.
- Tom – Planted trees in Thurmont to replace ash trees. Some ash trees to be treated and saved.
- Elizabeth – participated in zero waste seminar. Attended Faith and Environment conference at Clagett Farm. Looking to encourage composting at farms and organizations.
- Ron – Attending meeting regarding future of the electric grid. Invited by Capital Area Association of Engineers to discuss electric vehicles, provided discussion on history of EVs. Quebec representative discussed electric school buses. Longterm monetary savings in schools

and health improvements for kids. Will attend Sustainable MD workshop on Sustainability Indicators 11-17.

VII. Public Comments

- Rich Maranto – Dec 8 moderating webcast on Community Wind. Has planted Paw Paw trees since the Paw Paw festival.

Action Items:

8-18-16. Choose water quality/watershed indicators to help develop sustainability goals.

7-20-16. FCSC will ask the County Executive about what she sees as our role in the Solid Waste initiative.

7-20-16. Three sub- workgroups are needed and need volunteers: EPP, the Fall Event, and Solid Waste.

10-8-15. County Green Teams: Ron has assembled a comprehensive list that includes municipalities with teams and contact information shown.

Adjournment: Following a motion, which was seconded and unanimously approved, the meeting was adjourned at 5:00 pm.